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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20050099179 A1

Using default format because multiple data bases are involved.

L75: Entry 1 of 2

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw D.
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☐ 2. Document ID: US 20050099179 A1

L75: Entry 2 of 2

File: DWPI

May 12, 2005

DERWENT-ACC-NO: 2005-394254

DERWENT-WEEK: 200540

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TITLE: Head coil for use with magnetic resonance imaging and spectroscopy system, has rods to interconnect large and small diameter rings to form birdcage like structure and partially overlapped primary resonant substructures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw D.
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Term

Documents

BIRDCAGE	879
BIRDCAGES	56
"BIRD CAGE"	0
BIRD-CAGE	210
BIRD-CAGES	13
UNITARY	289698
UNITARIES	6
UNITARYS	3
SINGLE	3662930
SINGLES	3524
(L74 AND ((BIRDCAGE OR "BIRD CAGE" OR BIRD-CAGE OR ((UNITARY OR SINGLE) WITH (STRUCTURE))) WITH ((PRIMARY OR SECONDARY OR FIRST OR SECOND) WITH (RESONAN\$2)) WITH (SHAR\$3 OR CONNECT\$4 OR MUTUAL\$2 OR COMMON OR "SAME" OR PARTIAL\$2 OR PORTION) WITH (OVERLAP\$4 OR OVER-LAP\$4))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20050099179 A1

Using default format because multiple data bases are involved.

L76: Entry 1 of 2

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMC	Draw D.
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☐ 2. Document ID: US 20050099179 A1

L76: Entry 2 of 2

File: DWPI

May 12, 2005

DERWENT-ACC-NO: 2005-394254

DERWENT-WEEK: 200540

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Head coil for use with magnetic resonance imaging and spectroscopy system, has rods to interconnect large and small diameter rings to form birdcage like structure and partially overlapped primary resonant substructures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMC	Draw D.
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Term	Documents
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DIFFERENT	4704970
DIFFERENTS	287
SEPARATE	2774836
SEPARATES	327590
INDIVIDUAL	1897006
INDIVIDUALS	160375
DIAMETER	2534281
DIA	355170
DIAMETERS	403165
DIAM	51175
(L64 AND (SLOP\$3 OR TAPER\$3 OR ((VARY\$3 OR VARI\$4 OR CHANG\$3 OR ALTER\$3 OR DIFFERENT OR SEPARATE OR INDIVIDUAL) WITH (DIAMETER OR RADIUS)))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

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Search Results - Record(s) 1 through 1 of 1 returned.

☒ 1. Document ID: US 6714013 B2

Using default format because multiple data bases are involved.

L69: Entry 1 of 1

File: USPT

Mar 30, 2004

US-PAT-NO: 6714013

DOCUMENT-IDENTIFIER: US 6714013 B2

** See image for Certificate of Correction **

TITLE: Magnetic resonance imaging receiver/transmitter coils

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Allison Park	PA		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	ABC	Draw. D.
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Clear

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Fwd Refs

Bkwd Refs

Generate OACS

Term	Documents
PRIMARY	1829934
PRIM	50679
SECONDARY	1070260
SEC	737393
FIRST	7121062
FIRSTS	952
SECOND	6386113
SECONDS	604573
PARALLEL	3347493
PARALLELS	18066
CHANNEL	1636110
(L68 AND (((PRIMARY OR SECONDARY OR FIRST OR	

SECOND) WITH (RESONAN\$2)) WITH (SEPARAT\$4 OR PARALLEL OR INDIVIDUAL\$2 OR INDEPENDENT\$2) WITH (CHANNEL OR PORT OR RECEIVER))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20050099179 A1

Using default format because multiple data bases are involved.

L71: Entry 1 of 2

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMC	Draw D
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☐ 2. Document ID: US 20050099179 A1

L71: Entry 2 of 2

File: DWPI

May 12, 2005

DERWENT-ACC-NO: 2005-394254

DERWENT-WEEK: 200540

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Head coil for use with magnetic resonance imaging and spectroscopy system, has rods to interconnect large and small diameter rings to form birdcage like structure and partially overlapped primary resonant substructures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMC	Draw D
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[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Term	Documents
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PRIMARY	1829934
PRIM	50679
SECONDARY	1070260
SEC	737393
FIRST	7121062
FIRSTS	952
SECOND	6386113
SECONDS	604573
RING	2357327
RINGS	661157
(L67 AND (((PRIMARY OR SECONDARY OR FIRST OR SECOND) WITH (RESONAN\$2)) WITH (RING OR LOOP OR ANULUS OR ANULAR\$2 OR "END" OR "MEMBER") WITH (ROD OR LEG OR CONDUCT\$2 OR SEGMENT))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	
	2

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20050099179 A1

Using default format because multiple data bases are involved.

L72: Entry 1 of 3

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	WMC	Draw D.
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☐ 2. Document ID: US 6426624 B1

L72: Entry 2 of 3

File: USPT

Jul 30, 2002

US-PAT-NO: 6426624

DOCUMENT-IDENTIFIER: US 6426624 B1

TITLE: Assembly formed by a magnetic resonance apparatus and a combination of coils

DATE-ISSUED: July 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Snelten; Jeroen	Eindhoven			NL

US-CL-CURRENT: 324/318; 324/309, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WMC	Draw D.
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☐ 3. Document ID: US 20050099179 A1

L72: Entry 3 of 3

File: DWPI

May 12, 2005

DERWENT-ACC-NO: 2005-394254

DERWENT-WEEK: 200540

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TITLE: Head coil for use with magnetic resonance imaging and spectroscopy system, has rods to interconnect large and small diameter rings to form birdcage like structure and partially overlapped primary resonant substructures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	IPC	Draw. Cl.
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
PRIMARY	1829934
PRIM	50679
SECONDARY	1070260
SEC	737393
FIRST	7121062
FIRSTS	952
SECOND	6386113
SECONDS	604573
RING	2357327
RINGS	661157
(L64 AND (((PRIMARY OR SECONDARY OR FIRST OR SECOND) WITH (RESONAN\$2)) WITH (RING OR LOOP OR ANULUS OR ANULAR\$2 OR "END" OR "MEMBER") WITH (ROD OR LEG OR CONDUCT\$2 OR SEGMENT))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20050099179 A1

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L61: Entry 1 of 3

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw D.
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☐ 2. Document ID: US 6426624 B1

L61: Entry 2 of 3

File: USPT

Jul 30, 2002

US-PAT-NO: 6426624

DOCUMENT-IDENTIFIER: US 6426624 B1

TITLE: Assembly formed by a magnetic resonance apparatus and a combination of coils

DATE-ISSUED: July 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Snelten; Jeroen	Eindhoven			NL

US-CL-CURRENT: [324/318](#); [324/309](#), [324/322](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw D.
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☐ 3. Document ID: US 20050099179 A1

L61: Entry 3 of 3

File: DWPI

May 12, 2005

DERWENT-ACC-NO: 2005-394254

DERWENT-WEEK: 200540

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TITLE: Head coil for use with magnetic resonance imaging and spectroscopy system, has rods to interconnect large and small diameter rings to form birdcage like structure and partially overlapped primary resonant substructures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	IPC	Class. D.
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Fwd Refs

Bkwd Refs

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Term	Documents
PRIMARY	1829934
PRIM	50679
SECONDARY	1070260
SEC	737393
FIRST	7121062
FIRSTS	952
SECOND	6386113
SECONDS	604573
ADJACENT	3458566
ADJACENTS	285
(L55 AND (((PRIMARY OR SECONDARY OR FIRST OR SECOND) WITH (RESONAN\$2)) WITH (NEIGHBOR\$4 OR "ADJACENT" OR "NEXT" OR "REGION" OR AREA OR VOLUME) WITH (SHAR\$3 OR CONNECT\$4 OR MUTUAL\$2 OR COMMON OR "SAME" OR PARTIAL\$2 OR PORTION) WITH (OVERLAP\$4 OR OVER-LAP\$4))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3

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Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20050099179 A1

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L65: Entry 1 of 4

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMC	Draw D.
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☐ 2. Document ID: US 6714013 B2

L65: Entry 2 of 4

File: USPT

Mar 30, 2004

US-PAT-NO: 6714013

DOCUMENT-IDENTIFIER: US 6714013 B2

**** See image for Certificate of Correction ****

TITLE: Magnetic resonance imaging receiver/transmitter coils

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic, George J.	Allison Park	PA		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMC	Draw D.
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☐ 3. Document ID: US 5664568 A

L65: Entry 3 of 4

File: USPT

Sep 9, 1997

US-PAT-NO: 5664568

DOCUMENT-IDENTIFIER: US 5664568 A

TITLE: Split-top, neck and head vascular array for magnetic resonance imaging

DATE-ISSUED: September 9, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts.	OH		
Henderson; Robert G.	Wickliffe	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 600/422; 324/318, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WMC	Draw D.
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☐ 4. Document ID: US 20050099179 A1

L65: Entry 4 of 4

File: DWPI

May 12, 2005

DERWENT-ACC-NO: 2005-394254

DERWENT-WEEK: 200540

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TITLE: Head coil for use with magnetic resonance imaging and spectroscopy system, has rods to interconnect large and small diameter rings to form birdcage like structure and partially overlapped primary resonant substructures

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WMC	Draw D.
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Term	Documents
RING	2357327
RINGS	661157
LOOP	854637
LOOPS	269514
ANULUS	345
ANULU	3
END	7527236

ENDS	3575264
MEMBER	3807377
MEMBERS	2169110
(L64 AND ((CONNECT\$4 OR INTERCONNECT\$4 OR INTER-CONNECT\$4 OR LINK\$3 OR BRIDG\$3 OR JOIN\$3) WITH (RING OR LOOP OR ANULUS OR ANULAR\$2 OR "END" OR "MEMBER") WITH (ROD OR LEG OR CONDUCT\$2 OR SEGMENT))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	4

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20050099179 A1

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L68: Entry 1 of 3

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Drawings
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☐ 2. Document ID: US 6714013 B2

L68: Entry 2 of 3

File: USPT

Mar 30, 2004

US-PAT-NO: 6714013

DOCUMENT-IDENTIFIER: US 6714013 B2

**** See image for Certificate of Correction ****

TITLE: Magnetic resonance imaging receiver/transmitter coils

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Allison Park	PA		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Drawings
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☐ 3. Document ID: US 5664568 A

L68: Entry 3 of 3

File: USPT

Sep 9, 1997

US-PAT-NO: 5664568

DOCUMENT-IDENTIFIER: US 5664568 A

TITLE: Split-top, neck and head vascular array for magnetic resonance imaging

DATE-ISSUED: September 9, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts.	OH		
Henderson; Robert G.	Wickliffe	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 600/422; 324/318, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D.
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Term	Documents
PARALLEL	3347493
PARALLELS	18066
CHANNEL	1636110
CHANNELS	807745
PORT	1311657
PORTS	549324
RECEIVER	812651
RECEIVERS	177691
SEPARAT\$4	0
SEPARAT	25362
SEPARATA	417
(L67 AND ((SEPARAT\$4 OR PARALLEL OR INDIVIDUAL\$2 OR INDEPENDENT\$2) WITH (CHANNEL OR PORT OR RECEIVER))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20050099179 A1

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L59: Entry 1 of 5

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw. Data
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☐ 2. Document ID: US 5680047 A

L59: Entry 2 of 5

File: USPT

Oct 21, 1997

US-PAT-NO: 5680047

DOCUMENT-IDENTIFIER: US 5680047 A

TITLE: Multipl-tuned radio frequency coil for simultaneous magnetic resonance imaging and spectroscopy

DATE-ISSUED: October 21, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts	OH		
Liu; Haiying	Euclid	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 324/318; 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMC	Draw D
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☐ 3. Document ID: US 5602479 A

L59: Entry 3 of 5

File: USPT

Feb 11, 1997

US-PAT-NO: 5602479

DOCUMENT-IDENTIFIER: US 5602479 A

TITLE: Quadrature radio frequency coil for magnetic resonance imaging

DATE-ISSUED: February 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts.	OH		
Liu; Haiying	Euclid	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMC	Draw D
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☐ 4. Document ID: US 5594337 A

L59: Entry 4 of 5

File: USPT

Jan 14, 1997

US-PAT-NO: 5594337

DOCUMENT-IDENTIFIER: US 5594337 A

TITLE: Local coil for magnetic resonance angiography

DATE-ISSUED: January 14, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Boskamp; Eddy B.	Menomonee Falls	WI		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMC	Draw D
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☐ 5. Document ID: US 20050099179 A1

L59: Entry 5 of 5

File: DWPI

May 12, 2005

DERWENT-ACC-NO: 2005-394254

DERWENT-WEEK: 200540

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TITLE: Head coil for use with magnetic resonance imaging and spectroscopy system, has rods to interconnect large and small diameter rings to form birdcage like structure and partially overlapped primary resonant substructures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	PMC	Abstract
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
BIRDCAGE	879
BIRDCAGES	56
"BIRD CAGE"	0
BIRD-CAGE	210
BIRD-CAGES	13
UNITARY	289698
UNITARIES	6
UNITARYS	3
SINGLE	3662930
SINGLES	3524
(L58 AND (BIRDCAGE OR "BIRD CAGE" OR BIRD-CAGE OR ((UNITARY OR SINGLE) WITH (STRUCTURE)))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

There are more results than shown above. [Click here to view the entire set.](#)

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20050099179 A1

Using default format because multiple data bases are involved.

L60: Entry 1 of 2

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw D.
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☐ 2. Document ID: US 20050099179 A1

L60: Entry 2 of 2

File: DWPI

May 12, 2005

DERWENT-ACC-NO: 2005-394254

DERWENT-WEEK: 200540

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Head coil for use with magnetic resonance imaging and spectroscopy system, has rods to interconnect large and small diameter rings to form birdcage like structure and partially overlapped primary resonant substructures

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw D.
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[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Term	Documents

PRIMARY	1829934
PRIM	50679
SECONDARY	1070260
SEC	737393
FIRST	7121062
FIRSTS	952
SECOND	6386113
SECONDS	604573
ADJACENT	3458566
ADJACENTS	285
(L59 AND (((PRIMARY OR SECONDARY OR FIRST OR SECOND) WITH (RESONAN\$2)) WITH (NEIGHBOR\$4 OR "ADJACENT" OR "NEXT" OR "REGION" OR AREA OR VOLUME) WITH (SHAR\$3 OR CONNECT\$4 OR MUTUAL\$2 OR COMMON OR "SAME" OR PARTIAL\$2 OR PORTION) WITH (OVERLAP\$4 OR OVERLAP\$4))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	
	2

There are more results than shown above. [Click here to view the entire set.](#)

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Search Results - Record(s) 1 through 9 of 9 returned.

☐ 1. Document ID: US 20050099179 A1

Using default format because multiple data bases are involved.

L58: Entry 1 of 9

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MM	Draw D
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☐ 2. Document ID: US 20040124840 A1

L58: Entry 2 of 9

File: PGPB

Jul 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040124840

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040124840 A1

TITLE: Antenna arrangement and coupling method for a magnetic resonance apparatus

PUBLICATION-DATE: July 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Reykowski, Arne	Erlangen		DE

US-CL-CURRENT: [324/318](#); [324/307](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MM	Draw D
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☐ 3. Document ID: US 5757189 A

L58: Entry 3 of 9

File: USPT

May 26, 1998

US-PAT-NO: 5757189

DOCUMENT-IDENTIFIER: US 5757189 A

TITLE: Arbitrary placement multimode coil system for MR imaging

DATE-ISSUED: May 26, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Molyneaux; David A.	Mentor	OH		
Braum; William O.	Solon	OH		
Kristoff; James W.	Lyndhurst	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 4. Document ID: US 5680047 A

L58: Entry 4 of 9

File: USPT

Oct 21, 1997

US-PAT-NO: 5680047

DOCUMENT-IDENTIFIER: US 5680047 A

TITLE: Multipl-tuned radio frequency coil for simultaneous magnetic resonance imaging and spectroscopy

DATE-ISSUED: October 21, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts	OH		
Liu; Haiying	Euclid	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 324/318; 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 5. Document ID: US 5602557 A

L58: Entry 5 of 9

File: USPT

Feb 11, 1997

US-PAT-NO: 5602557

DOCUMENT-IDENTIFIER: US 5602557 A

TITLE: Mammography antenna arrangement for NMR examinations of a female breast

DATE-ISSUED: February 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Duerr; Wilhelm	Erlangen			DE

US-CL-CURRENT: 343/742; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 6. Document ID: US 5602479 A

L58: Entry 6 of 9

File: USPT

Feb 11, 1997

US-PAT-NO: 5602479

DOCUMENT-IDENTIFIER: US 5602479 A

TITLE: Quadrature radio frequency coil for magnetic resonance imaging

DATE-ISSUED: February 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts.	OH		
Liu; Haiying	Euclid	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 7. Document ID: US 5594337 A

L58: Entry 7 of 9

File: USPT

Jan 14, 1997

US-PAT-NO: 5594337

DOCUMENT-IDENTIFIER: US 5594337 A

TITLE: Local coil for magnetic resonance angiography

DATE-ISSUED: January 14, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Boskamp; Eddy B.	Menomonee Falls	WI		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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☐ 8. Document ID: US 20050099179 A1

L58: Entry 8 of 9

File: DWPI

May 12, 2005

DERWENT-ACC-NO: 2005-394254

DERWENT-WEEK: 200540

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Head coil for use with magnetic resonance imaging and spectroscopy system, has rods to interconnect large and small diameter rings to form birdcage like structure and partially overlapped primary resonant substructures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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☐ 9. Document ID: EP 301232 A, DE 3853027 G, EP 301232 B1, FI 8802859 A, US 4799016 A

L58: Entry 9 of 9

File: DWPI

Feb 1, 1989

DERWENT-ACC-NO: 1989-033171

DERWENT-WEEK: 198905

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TITLE: Dual frequency NMR surface coil - has two cylindrical case coils one tuned to Larmor frequency of phosphorus 31 and one to hydrogen

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
RING	2357327
RINGS	661157
LOOP	854637
LOOPS	269514
ANULUS	345
ANULU	3
END	7527236
ENDS	3575264
MEMBER	3807377
MEMBERS	2169110
(L57 AND ((CONNECT\$4 OR INTERCONNECT\$4 OR INTER-CONNECT\$4 OR LINK\$3 OR BRIDG\$3 OR JOIN\$3)	

WITH (RING OR LOOP OR ANULUS OR ANULAR\$2 OR "END" OR "MEMBER") WITH (ROD OR LEG OR CONDUCT\$2 OR SEGMENT))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	9
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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20050099179 A1

Using default format because multiple data bases are involved.

L43: Entry 1 of 3

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw D.
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☐ 2. Document ID: US 6850064 B1

L43: Entry 2 of 3

File: USPT

Feb 1, 2005

US-PAT-NO: 6850064

DOCUMENT-IDENTIFIER: US 6850064 B1

TITLE: Radio-frequency coil array for resonance imaging analysis

DATE-ISSUED: February 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Cleveland Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw D.
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☐ 3. Document ID: US 6177797 B1

L43: Entry 3 of 3

File: USPT

Jan 23, 2001

US-PAT-NO: 6177797

DOCUMENT-IDENTIFIER: US 6177797 B1

TITLE: Radio-frequency coil and method for resonance/imaging analysis

DATE-ISSUED: January 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	AMC	Draw. D.
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
BIRDCAGE	879
BIRDCAGES	56
"BIRD CAGE"	0
BIRD-CAGE	210
BIRD-CAGES	13
PRIMARY	1829934
PRIM	50679
SECONDARY	1070260
SEC	737393
FIRST	7121062
FIRSTS	952
(L42 AND ((BIRDCAGE OR "BIRD CAGE" OR BIRD-CAGE) WITH ((PRIMARY OR SECONDARY OR FIRST OR SECOND) WITH (RESONAN\$2)))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3

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Search Results - Record(s) 1 through 12 of 12 returned.

☐ 1. Document ID: US 20050140369 A1

Using default format because multiple data bases are involved.

L44: Entry 1 of 12

File: PGPB

Jun 30, 2005

PGPUB-DOCUMENT-NUMBER: 20050140369

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050140369 A1

TITLE: RF transmitter arrangement for an MR system, and method for determining a setting parameter therefor

PUBLICATION-DATE: June 30, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Feiweier, Thorsten	Poxdorf		DE
Oppelt, Ralph	Uttenreuth		DE
Renz, Wolfgang	Erlangen		DE
Vester, Markus	Nurnberg		DE

US-CL-CURRENT: [324/318](#); [324/309](#), [324/322](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D.
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☐ 2. Document ID: US 20050099179 A1

L44: Entry 2 of 12

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw. D.
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☐ 3. Document ID: US 20040189304 A1

L44: Entry 3 of 12

File: PGPB

Sep 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040189304

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040189304 A1

TITLE: NMR PROBE HAVING AN INNER QUADRATURE DETECTION COIL COMBINED WITH A SPIRAL WOUND OUTER COIL FOR IRRADIATION

PUBLICATION-DATE: September 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Anderson, Weston	Palo Alto	CA	US
Wong, Wai Ha	San Jose	CA	US
Finnigan, James	Santa Clara	CA	US

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw. D.
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☐ 4. Document ID: US 6876200 B2

L44: Entry 4 of 12

File: USPT

Apr 5, 2005

US-PAT-NO: 6876200

DOCUMENT-IDENTIFIER: US 6876200 B2

TITLE: NMR probe having an inner quadrature detection coil combined with a spiral wound outer coil for irradiation

DATE-ISSUED: April 5, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anderson; Weston	Palo Alto	CA		
Wong; Wai Ha	San Jose	CA		
Finnigan; James	Santa Clara	CA		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw. D.
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☐ 5. Document ID: US 6850064 B1

L44: Entry 5 of 12

File: USPT

Feb 1, 2005

US-PAT-NO: 6850064

DOCUMENT-IDENTIFIER: US 6850064 B1

TITLE: Radio-frequency coil array for resonance imaging analysis

DATE-ISSUED: February 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Cleveland Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Keywords	Drawings
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☐ 6. Document ID: US 6420871 B1

L44: Entry 6 of 12

File: USPT

Jul 16, 2002

US-PAT-NO: 6420871

DOCUMENT-IDENTIFIER: US 6420871 B1

TITLE: Multiple tuned birdcage coils

DATE-ISSUED: July 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wong; Wai Ha	San Jose	CA		
Unno; Seiji	Santa Clara	CA		
Anderson; Weston A.	Palo Alto	CA		

US-CL-CURRENT: 324/318; 324/320, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Keywords	Drawings
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☐ 7. Document ID: US 6285189 B1

L44: Entry 7 of 12

File: USPT

Sep 4, 2001

US-PAT-NO: 6285189

DOCUMENT-IDENTIFIER: US 6285189 B1

TITLE: Millipede coils

DATE-ISSUED: September 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wong; Wai Ha	San Jose	CA		

US-CL-CURRENT: 324/318; 324/321, 335/299, 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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☐ 8. Document ID: US 6177797 B1

L44: Entry 8 of 12

File: USPT

Jan 23, 2001

US-PAT-NO: 6177797

DOCUMENT-IDENTIFIER: US 6177797 B1

TITLE: Radio-frequency coil and method for resonance/imaging analysis

DATE-ISSUED: January 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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☐ 9. Document ID: US 6060882 A

L44: Entry 9 of 12

File: USPT

May 9, 2000

US-PAT-NO: 6060882

DOCUMENT-IDENTIFIER: US 6060882 A

TITLE: Low-inductance transverse litz foil coils

DATE-ISSUED: May 9, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Doty; F. David	Columbia	SC		

US-CL-CURRENT: 324/318; 324/319, 324/322, 600/421

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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☐ 10. Document ID: US 5610520 A

L44: Entry 10 of 12

File: USPT

Mar 11, 1997

US-PAT-NO: 5610520
DOCUMENT-IDENTIFIER: US 5610520 A

TITLE: Automatic orthogonality adjustment device for a quadrature surface coil for magnetic resonance imaging or spectroscopy

DATE-ISSUED: March 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Novelty	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	INIC	Draw D.
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☐ 11. Document ID: US 5543711 A

L44: Entry 11 of 12

File: USPT

Aug 6, 1996

US-PAT-NO: 5543711
DOCUMENT-IDENTIFIER: US 5543711 A

TITLE: Multiple quadrature volume coils for magnetic resonance imaging

DATE-ISSUED: August 6, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts.	OH		
Elek; Robert A.	Chardon	OH		
Liu; Haiying	Euclid	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	INIC	Draw D.
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☐ 12. Document ID: US 20050099179 A1

L44: Entry 12 of 12

File: DWPI

May 12, 2005

DERWENT-ACC-NO: 2005-394254
DERWENT-WEEK: 200540
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TITLE: Head coil for use with magnetic resonance imaging and spectroscopy system, has rods to interconnect large and small diameter rings to form birdcage like structure and partially overlapped primary resonant substructures

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	INIC	Draw D.
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[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Term	Documents
BIRDCAGE	879
BIRDCAGES	56
"BIRD CAGE"	0
BIRD-CAGE	210
BIRD-CAGES	13
PRIMARY	1829934
PRIM	50679
SECONDARY	1070260
SEC	737393
FIRST	7121062
(L24 AND ((BIRDCAGE OR "BIRD CAGE" OR BIRD-CAGE) WITH ((PRIMARY OR SECONDARY OR FIRST OR SECOND) WITH (RESONAN\$2)))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	12

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Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20050099179 A1

Using default format because multiple data bases are involved.

L47: Entry 1 of 4

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw D.
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☐ 2. Document ID: US 6850064 B1

L47: Entry 2 of 4

File: USPT

Feb 1, 2005

US-PAT-NO: 6850064

DOCUMENT-IDENTIFIER: US 6850064 B1

TITLE: Radio-frequency coil array for resonance imaging analysis

DATE-ISSUED: February 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Cleveland Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw D.
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☐ 3. Document ID: US 6177797 B1

L47: Entry 3 of 4

File: USPT

Jan 23, 2001

US-PAT-NO: 6177797

DOCUMENT-IDENTIFIER: US 6177797 B1

TITLE: Radio-frequency coil and method for resonance/imaging analysis

DATE-ISSUED: January 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Pub	Draw
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☐ 4. Document ID: US 5610520 A

L47: Entry 4 of 4

File: USPT

Mar 11, 1997

US-PAT-NO: 5610520

DOCUMENT-IDENTIFIER: US 5610520 A

TITLE: Automatic orthogonality adjustment device for a quadrature surface coil for magnetic resonance imaging or spectroscopy

DATE-ISSUED: March 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Novelty	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Pub	Draw
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
ELECTRIC\$4	0
ELECTRIC	4227857
ELECTRICA	13109
ELECTRICAA	33

ELECTRICAAIY	2
ELECTRICAAL	13
ELECTRICAALY	14
ELECTRICAANL	1
ELECTRICAAY	1
ELECTRICAAX	1
ELECTRICAAY	65
(L46 AND (ELECTRIC\$4)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	4

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Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 20050099179 A1

Using default format because multiple data bases are involved.

L57: Entry 1 of 10

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIG	Draw
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☐ 2. Document ID: US 20040124840 A1

L57: Entry 2 of 10

File: PGPB

Jul 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040124840

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040124840 A1

TITLE: Antenna arrangement and coupling method for a magnetic resonance apparatus

PUBLICATION-DATE: July 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Reykowski, Arne	Erlangen		DE

US-CL-CURRENT: [324/318](#); [324/307](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIG	Draw
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☐ 3. Document ID: US 6747454 B2

L57: Entry 3 of 10

File: USPT

Jun 8, 2004

US-PAT-NO: 6747454

DOCUMENT-IDENTIFIER: US 6747454 B2

TITLE: Array of coils for use in imaging the vasculature of a patient

DATE-ISSUED: June 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Belt; Kenneth W.	Fort Atkinson	WI		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WIC	Draw.D.
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☐ 4. Document ID: US 5757189 A

L57: Entry 4 of 10

File: USPT

May 26, 1998

US-PAT-NO: 5757189

DOCUMENT-IDENTIFIER: US 5757189 A

TITLE: Arbitrary placement multimode coil system for MR imaging

DATE-ISSUED: May 26, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Molyneaux; David A.	Mentor	OH		
Braum; William O.	Solon	OH		
Kristoff; James W.	Lyndhurst	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WIC	Draw.D.
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☐ 5. Document ID: US 5680047 A

L57: Entry 5 of 10

File: USPT

Oct 21, 1997

US-PAT-NO: 5680047

DOCUMENT-IDENTIFIER: US 5680047 A

TITLE: Multipl-tuned radio frequency coil for simultaneous magnetic resonance imaging and spectroscopy

DATE-ISSUED: October 21, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts	OH		
Liu; Haiying	Euclid	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 324/318; 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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☐ 6. Document ID: US 5602557 A

L57: Entry 6 of 10

File: USPT

Feb 11, 1997

US-PAT-NO: 5602557

DOCUMENT-IDENTIFIER: US 5602557 A

TITLE: Mammography antenna arrangement for NMR examinations of a female breast

DATE-ISSUED: February 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Duerr; Wilhelm	Erlangen			DE

US-CL-CURRENT: 343/742; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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☐ 7. Document ID: US 5602479 A

L57: Entry 7 of 10

File: USPT

Feb 11, 1997

US-PAT-NO: 5602479

DOCUMENT-IDENTIFIER: US 5602479 A

TITLE: Quadrature radio frequency coil for magnetic resonance imaging

DATE-ISSUED: February 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts.	OH		
Liu; Haiying	Euclid	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	NMC	Draw D
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☐ 8. Document ID: US 5594337 A

L57: Entry 8 of 10

File: USPT

Jan 14, 1997

US-PAT-NO: 5594337

DOCUMENT-IDENTIFIER: US 5594337 A

TITLE: Local coil for magnetic resonance angiography

DATE-ISSUED: January 14, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Boskamp; Eddy B.	Menomonee Falls	WI		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	NMC	Draw D
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☐ 9. Document ID: US 20050099179 A1

L57: Entry 9 of 10

File: DWPI

May 12, 2005

DERWENT-ACC-NO: 2005-394254

DERWENT-WEEK: 200540

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TITLE: Head coil for use with magnetic resonance imaging and spectroscopy system, has rods to interconnect large and small diameter rings to form birdcage like structure and partially overlapped primary resonant substructures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	NMC	Draw D
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☐ 10. Document ID: EP 301232 A, DE 3853027 G, EP 301232 B1, FI 8802859 A, US 4799016 A

L57: Entry 10 of 10

File: DWPI

Feb 1, 1989

DERWENT-ACC-NO: 1989-033171

DERWENT-WEEK: 198905

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TITLE: Dual frequency NMR surface coil - has two cylindrical case coils one tuned to Larmor frequency of phosphorus 31 and one to hydrogen

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	NMC	Draw D
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Term	Documents
FIELD-OF-VIEW	4884
FIELD-OF-VIEWS	95
"FIELD OF VIEW"	0
FOV	6465
FOVS	448
ROI	46548
ROIS	1994
REGION	1846474
REGIONS	858372
INTEREST	552377
(L56 AND (FIELD-OF-VIEW OR "FIELD OF VIEW" OR "FOV" OR "ROI" OR (REGION WITH (INTEREST OR INVESTIGATION)))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	10

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☐ 3. Document ID: US 6850064 B1

L40: Entry 3 of 11

File: USPT

Feb 1, 2005

US-PAT-NO: 6850064

DOCUMENT-IDENTIFIER: US 6850064 B1

TITLE: Radio-frequency coil array for resonance imaging analysis

DATE-ISSUED: February 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Cleveland Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	PMC	Drawings
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☐ 4. Document ID: US 6714013 B2

L40: Entry 4 of 11

File: USPT

Mar 30, 2004

US-PAT-NO: 6714013

DOCUMENT-IDENTIFIER: US 6714013 B2

**** See image for Certificate of Correction ****TITLE: Magnetic resonance imaging receiver/transmitter coils

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Allison Park	PA		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	PMC	Drawings
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☐ 5. Document ID: US 6177797 B1

L40: Entry 5 of 11

File: USPT

Jan 23, 2001

US-PAT-NO: 6177797

DOCUMENT-IDENTIFIER: US 6177797 B1

TITLE: Radio-frequency coil and method for resonance/imaging analysis

DATE-ISSUED: January 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 6. Document ID: US 6150816 A

L40: Entry 6 of 11

File: USPT

Nov 21, 2000

US-PAT-NO: 6150816

DOCUMENT-IDENTIFIER: US 6150816 A

TITLE: Radio-frequency coil array for resonance analysis

DATE-ISSUED: November 21, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 7. Document ID: US 5999000 A

L40: Entry 7 of 11

File: USPT

Dec 7, 1999

US-PAT-NO: 5999000

DOCUMENT-IDENTIFIER: US 5999000 A

TITLE: Radio-frequency coil and method for resonance imaging/analysis

DATE-ISSUED: December 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 8. Document ID: US 5777474 A

L40: Entry 8 of 11

File: USPT

Jul 7, 1998

US-PAT-NO: 5777474

DOCUMENT-IDENTIFIER: US 5777474 A

TITLE: Radio-frequency coil and method for resonance imaging/analysis

DATE-ISSUED: July 7, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Claims	Front	Review	Classification	Date	Reference			Claims	Keywords	Drawings
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☐ 9. Document ID: US 5664568 A

L40: Entry 9 of 11

File: USPT

Sep 9, 1997

US-PAT-NO: 5664568

DOCUMENT-IDENTIFIER: US 5664568 A

TITLE: Split-top, neck and head vascular array for magnetic resonance imaging

DATE-ISSUED: September 9, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts.	OH		
Henderson; Robert G.	Wickliffe	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 600/422; 324/318, 324/322

Full	Title	Claims	Front	Review	Classification	Date	Reference			Claims	Keywords	Drawings
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☐ 10. Document ID: US 5602479 A

L40: Entry 10 of 11

File: USPT

Feb 11, 1997

US-PAT-NO: 5602479

DOCUMENT-IDENTIFIER: US 5602479 A

TITLE: Quadrature radio frequency coil for magnetic resonance imaging

DATE-ISSUED: February 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts.	OH		
Liu; Haiying	Euclid	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	PMC	Draw D
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☐ 11. Document ID: US 4799016 A

L40: Entry 11 of 11

File: USPT

Jan 17, 1989

US-PAT-NO: 4799016

DOCUMENT-IDENTIFIER: US 4799016 A

TITLE: Dual frequency NMR surface coil

DATE-ISSUED: January 17, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rezvani; Behrooz	Shorewood	WI		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	PMC	Draw D
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PRIMARY	1829934
PRIM	50679
SECONDARY	1070260
SEC	737393
FIRST	7121062
FIRSTS	952
SECOND	6386113
SECONDS	604573
RESONAN\$2	0
RESONAN	1140
RESONANA	3
(L39 AND ((PRIMARY OR SECONDARY OR FIRST OR	

SECOND) WITH (RESONAN\$2))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	11
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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L76	L64 and (slop\$3 or taper\$3 or ((vary\$3 or vari\$4 or chang\$3 or alter\$3 or different or separate or individual) with (diameter or radius)))	2
<input type="checkbox"/>	L75	L74 and ((birdcage or "bird cage" or bird-cage or ((unitary or single) with (structure))) with ((primary or secondary or first or second) with (resonan\$2)) with (shar\$3 or connect\$4 or mutual\$2 or common or "same" or partial\$2 or portion) with (overlap\$4 or over-lap\$4))	2
<input type="checkbox"/>	L74	L64 and (diameter)	5
<input type="checkbox"/>	L73	L72 and ((connect\$4 or interconnect\$4 or inter-connect\$4 or link\$3 or bridg\$3 or join\$3) with (ring or loop or anulus or anular\$2 or "end" or "member") with (rod or leg or conduct\$2 or segment))	2
<input type="checkbox"/>	L72	L64 and (((primary or secondary or first or second) with (resonan\$2)) with (ring or loop or anulus or anular\$2 or "end" or "member") with (rod or leg or conduct\$2 or segment))	3
<input type="checkbox"/>	L71	L67 and (((primary or secondary or first or second) with (resonan\$2)) with (ring or loop or anulus or anular\$2 or "end" or "member") with (rod or leg or conduct\$2 or segment))	2
<input type="checkbox"/>	L70	L67 and (electric\$4)	3
<input type="checkbox"/>	L69	L68 and (((primary or secondary or first or second) with (resonan\$2)) with (separat\$4 or parallel or individual\$2 or independent\$2) with (channel or port or receiver))	1
<input type="checkbox"/>	L68	L67 and ((separat\$4 or parallel or individual\$2 or independent\$2) with (channel or port or receiver))	3
<input type="checkbox"/>	L67	L66 and ((shar\$3 or connect\$4 or mutual\$2 or common or "same" or partial\$2 or portion) with (overlap\$4 or over-lap\$4))	4
<input type="checkbox"/>	L66	L65 and (field-of-view or "field of view" or "FOV" or "ROI" or (region with (interest or investigation)))	4
<input type="checkbox"/>	L65	L64 and ((connect\$4 or interconnect\$4 or inter-connect\$4 or link\$3 or bridg\$3 or join\$3) with (ring or loop or anulus or anular\$2 or "end" or "member") with (rod or leg or conduct\$2 or segment))	4
<input type="checkbox"/>	L64	L63 and (((primary or secondary or first or second) with (resonan\$2)) with (neighbor\$4 or "adjacent" or "next" or "region" or area or volume) with (shar\$3 or connect\$4 or mutual\$2 or common or "same" or partial\$2 or portion) with (overlap\$4 or over-lap\$4))	10
<input type="checkbox"/>	L63	L1 and (birdcage or "bird cage" or bird-cage or ((unitary or single) with (structure)))	12198
<input type="checkbox"/>	L62	L61 and ((connect\$4 or interconnect\$4 or inter-connect\$4 or link\$3 or bridg\$3 or join\$3) with (ring or loop or anulus or anular\$2 or "end" or "member") with	2

		(rod or leg or conduct\$2 or segment))	
<input type="checkbox"/>	L61	L55 and (((primary or secondary or first or second) with (resonan\$2)) with (neighbor\$4 or "adjacent" or "next" or "region" or area or volume) with (shar\$3 or connect\$4 or mutual\$2 or common or "same" or partial\$2 or portion) with (overlap\$4 or over-lap\$4))	3
<input type="checkbox"/>	L60	L59 and (((primary or secondary or first or second) with (resonan\$2)) with (neighbor\$4 or "adjacent" or "next" or "region" or area or volume) with (shar\$3 or connect\$4 or mutual\$2 or common or "same" or partial\$2 or portion) with (overlap\$4 or over-lap\$4))	2
<input type="checkbox"/>	L59	L58 and (birdcage or "bird cage" or bird-cage or ((unitary or single) with (structure)))	5
<input type="checkbox"/>	L58	L57 and ((connect\$4 or interconnect\$4 or inter-connect\$4 or link\$3 or bridg\$3 or join\$3) with (ring or loop or anulus or anular\$2 or "end" or "member") with (rod or leg or conduct\$2 or segment))	9
<input type="checkbox"/>	L57	L56 and (field-of-view or "field of view" or "FOV" or "ROI" or (region with (interest or investigation)))	10
<input type="checkbox"/>	L56	L55 and ((neighbor\$4 or "adjacent" or "next" or "region" or area or volume) with (overlap\$4 or over-lap\$4))	14
<input type="checkbox"/>	L55	L54 and ((shar\$3 or connect\$4 or mutual\$2 or common or "same" or partial\$2 or portion) with (overlap\$4 or over-lap\$4))	17
<input type="checkbox"/>	L54	L53 and (((primary or secondary or first or second) with (resonan\$2)) with (ring or loop or anulus or anular\$2 or "end" or "member") with (rod or leg or conduct\$2 or segment))	175
<input type="checkbox"/>	L53	L52 and (rod or leg or conduct\$2 or segment)	538
<input type="checkbox"/>	L52	L51 and (((primary or secondary or first or second) with (resonan\$2)) with (ring or loop or anulus or anular\$2 or "end" or "member"))	794
<input type="checkbox"/>	L51	L49 and (ring or loop or anulus or anular\$2 or "end" or "member")	5629
<input type="checkbox"/>	L50	L49 and (ring or loop or anulus or anular\$2)	3292
<input type="checkbox"/>	L49	L1 and ((primary or secondary or first or second) with (resonan\$2))	7935
<input type="checkbox"/>	L48	L47 and (unitary)	0
<input type="checkbox"/>	L47	L46 and (electric\$4)	4
<input type="checkbox"/>	L46	L45 and (field-of-view or "field of view" or "FOV" or "ROI" or (region with (interest or investigation)))	5
<input type="checkbox"/>	L45	L44 and ((shar\$3 or connect\$4 or mutual\$2 or common or "same" or partial\$2 or portion) with (overlap\$4 or over-lap\$4))	11
<input type="checkbox"/>	L44	L24 and ((birdcage or "bird cage" or bird-cage) with ((primary or secondary or first or second) with (resonan\$2)))	12
<input type="checkbox"/>	L43	L42 and ((birdcage or "bird cage" or bird-cage) with ((primary or secondary or first or second) with (resonan\$2)))	3
<input type="checkbox"/>	L42	L41 and (ring or loop or anulus or anular\$2)	10
<input type="checkbox"/>	L41	L40 and (rod or leg or conduct\$2 or segment)	10
<input type="checkbox"/>	L40	L39 and ((primary or secondary or first or second) with (resonan\$2))	11
<input type="checkbox"/>	L39	L38 and (electric\$4)	15

L37 and ((shar\$3 or connect\$4 or mutual\$2 or common or "same" or partial\$2

<input type="checkbox"/>	L38	or portion) with (overlap\$4 or over-lap\$4))	17
<input type="checkbox"/>	L37	L36 and (shar\$3 or connect\$4 or mutual\$2 or common or "same")	18
<input type="checkbox"/>	L36	L35 and (head or neck or skull or brain or cranium)	18
<input type="checkbox"/>	L35	L34 and ((neurovascular\$2 or neuro-vascular\$2 or neck or anterior or posterior or spine or cervical or back) with (coil or array))	21
<input type="checkbox"/>	L34	l25 and (field-of-view or "field of view" or "FOV" or "ROI" or (region with (interest or investigation)))	51
<input type="checkbox"/>	L33	l27 and (monski.in.)	1
<input type="checkbox"/>	L32	l25 and (monski.in.)	2
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<input type="checkbox"/>	L29	L28 and (head or neck or skull or brain or cranium)	23
<input type="checkbox"/>	L28	L27 and (field-of-view or "field of view" or "FOV" or "ROI" or (region with (interest or investigation)))	32
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<input type="checkbox"/>	L21	L20 and (slop\$3 or taper\$3 or ((vary\$3 or vari\$4 or chang\$3 or alter\$3) with (diameter or radius)))	1
<input type="checkbox"/>	L20	L19 and (field-of-view or "field of view" or "FOV" or "ROI" or (region with (interest or investigation)))	11
<input type="checkbox"/>	L19	L18 and (parallel or separat\$3 or independent\$2)	11
<input type="checkbox"/>	L18	L14 and (channel)	11
<input type="checkbox"/>	L17	L16 and (channel)	8
<input type="checkbox"/>	L16	L14 and (parallel)	10
<input type="checkbox"/>	L15	L14 and ((parallel with (imag\$3 or resonan\$3)) or "PI")	7
<input type="checkbox"/>	L14	L13 and ((neighbor\$4 or "adjacent" or "next") with (overlap\$4 or over-lap\$4))	14
<input type="checkbox"/>	L13	L12 and (neighbor\$4 or "adjacent" or "next")	57
<input type="checkbox"/>	L12	L11 and (ring or loop or anulus or anular\$2 or rod or conduct\$2 or leg or segment\$3)	73
<input type="checkbox"/>	L11	L10 and (diameter or taper\$4)	76
<input type="checkbox"/>	L10	L9 and (resonan\$2)	113
<input type="checkbox"/>	L9	L8 and (head or neck or skull or brain or cranium)	114

<input type="checkbox"/>	L8	L2 and (overlap\$4 or over-lap\$4)	202
<input type="checkbox"/>	L7	L6 and (ellipsoid\$4 or ellipse or eliptical\$3 or elliptical\$3)	5
<input type="checkbox"/>	L6	L5 and (diameter or taper\$4)	11
<input type="checkbox"/>	L5	L4 and (overlap\$4 or over-lap\$4)	13
<input type="checkbox"/>	L4	L3 and (head or neck or skull or brain or cranium)	37
<input type="checkbox"/>	L3	L2 and (dome or domed or (spherical with resonator) or end-cap\$4)	39
<input type="checkbox"/>	L2	L1 and (birdcage or "bird cage" or bird-cage)	761
<input type="checkbox"/>	L1	((magnetic adj resonance) or MRI or NMR)	216254

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20050099179 A1

Using default format because multiple data bases are involved.

L32: Entry 1 of 2

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Monski</u> , William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw D.
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☐ 2. Document ID: US 20050099179 A1

L32: Entry 2 of 2

File: DWPI

May 12, 2005

DERWENT-ACC-NO: 2005-394254

DERWENT-WEEK: 200540

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Head coil for use with magnetic resonance imaging and spectroscopy system, has rods to interconnect large and small diameter rings to form birdcage like structure and partially overlapped primary resonant substructures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw D.
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[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Term	Documents
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MONSKI	29
MONSKIS	0
((MONSKI.IN.) AND 25) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2
(L25 AND (MONSKI.IN.)) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

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Search Results - Record(s) 1 through 17 of 17 returned.

☐ 1. Document ID: US 20050107686 A1

Using default format because multiple data bases are involved.

L38: Entry 1 of 17

File: PGPB

May 19, 2005

PGPUB-DOCUMENT-NUMBER: 20050107686

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050107686 A1

TITLE: RF array coil system and method for magnetic resonance imaging

PUBLICATION-DATE: May 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chan, Pei H.	Aurora	OH	US
Petropoulos, Labros	Burton	OH	US

US-CL-CURRENT: 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20050099179 A1

L38: Entry 2 of 17

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20040183534 A1

L38: Entry 3 of 17

File: PGPB

Sep 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040183534

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040183534 A1

TITLE: Diagonal-arranged quadrature MRI radio frequency array coil system for three dimensional parallel imaging

PUBLICATION-DATE: September 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chan, Pei Hsuen	Aurora	OH	US
Zou, Mark Xueming	Mantua	OH	US

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 6930480 B1

L38: Entry 4 of 17

File: USPT

Aug 16, 2005

US-PAT-NO: 6930480

DOCUMENT-IDENTIFIER: US 6930480 B1

TITLE: Head coil arrays for parallel imaging in magnetic resonance imaging

DATE-ISSUED: August 16, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fujita; Hiroyuki	Highland Heights	OH		
Petropoulos; Labros S.	Solon	OH		
Zou; Mark Xueming	Aurora	OH		
Chan; Pei H.	Aurora	OH		
Chu; Dashen	Hudson	OH		
Murphy-Boesch; Joseph	Aurora	OH		

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 6850064 B1

L38: Entry 5 of 17

File: USPT

Feb 1, 2005

US-PAT-NO: 6850064

DOCUMENT-IDENTIFIER: US 6850064 B1

TITLE: Radio-frequency coil array for resonance imaging analysis

DATE-ISSUED: February 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Cleveland Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Keywords	Drawings
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☐ 6. Document ID: US 6714013 B2

L38: Entry 6 of 17

File: USPT

Mar 30, 2004

US-PAT-NO: 6714013

DOCUMENT-IDENTIFIER: US 6714013 B2

**** See image for Certificate of Correction ****TITLE: Magnetic resonance imaging receiver/transmitter coils

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Allison Park	PA		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Keywords	Drawings
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☐ 7. Document ID: US 6608480 B1

L38: Entry 7 of 17

File: USPT

Aug 19, 2003

US-PAT-NO: 6608480

DOCUMENT-IDENTIFIER: US 6608480 B1

TITLE: RF coil for homogeneous quadrature transmit and multiple channel receive

DATE-ISSUED: August 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Weyers; Daniel J.	Wauwatosa	WI		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PMC	Drawings
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☐ 8. Document ID: US 6177797 B1

L38: Entry 8 of 17

File: USPT

Jan 23, 2001

US-PAT-NO: 6177797

DOCUMENT-IDENTIFIER: US 6177797 B1

TITLE: Radio-frequency coil and method for resonance/imaging analysis

DATE-ISSUED: January 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PMC	Drawings
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☐ 9. Document ID: US 6150816 A

L38: Entry 9 of 17

File: USPT

Nov 21, 2000

US-PAT-NO: 6150816

DOCUMENT-IDENTIFIER: US 6150816 A

TITLE: Radio-frequency coil array for resonance analysis

DATE-ISSUED: November 21, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PMC	Drawings
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☐ 10. Document ID: US 5999000 A

L38: Entry 10 of 17

File: USPT

Dec 7, 1999

US-PAT-NO: 5999000
DOCUMENT-IDENTIFIER: US 5999000 A

TITLE: Radio-frequency coil and method for resonance imaging/analysis

DATE-ISSUED: December 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	DOC	Draw D
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☐ 11. Document ID: US 5777474 A

L38: Entry 11 of 17

File: USPT

Jul 7, 1998

US-PAT-NO: 5777474
DOCUMENT-IDENTIFIER: US 5777474 A

TITLE: Radio-frequency coil and method for resonance imaging/analysis

DATE-ISSUED: July 7, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	DOC	Draw D
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☐ 12. Document ID: US 5682098 A

L38: Entry 12 of 17

File: USPT

Oct 28, 1997

US-PAT-NO: 5682098
DOCUMENT-IDENTIFIER: US 5682098 A

TITLE: Open quadrature whole volume imaging NMR surface coil array including three figure-8 shaped surface coils

DATE-ISSUED: October 28, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vij; Kamal	Phoenix	AZ		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	AMC	Draw. C.
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☐ 13. Document ID: US 5664568 A

L38: Entry 13 of 17

File: USPT

Sep 9, 1997

US-PAT-NO: 5664568

DOCUMENT-IDENTIFIER: US 5664568 A

TITLE: Split-top, neck and head vascular array for magnetic resonance imaging

DATE-ISSUED: September 9, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts.	OH		
Henderson; Robert G.	Wickliffe	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 600/422; 324/318, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	AMC	Draw. C.
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☐ 14. Document ID: US 5602479 A

L38: Entry 14 of 17

File: USPT

Feb 11, 1997

US-PAT-NO: 5602479

DOCUMENT-IDENTIFIER: US 5602479 A

TITLE: Quadrature radio frequency coil for magnetic resonance imaging

DATE-ISSUED: February 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts.	OH		
Liu; Haiying	Euclid	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	AMC	Draw. C.
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☐ 15. Document ID: US 5374890 A

L38: Entry 15 of 17

File: USPT

Dec 20, 1994

US-PAT-NO: 5374890
DOCUMENT-IDENTIFIER: US 5374890 A

TITLE: Simultaneous magnetic resonance imaging of multiple human organs

DATE-ISSUED: December 20, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zou; Xueming	Chesterland	OH		
Patrick; John L.	Chagrin Falls	OH		
McNally; James M.	Chagrin Falls	OH		

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Draw D
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☐ 16. Document ID: US 4799016 A

L38: Entry 16 of 17

File: USPT

Jan 17, 1989

US-PAT-NO: 4799016
DOCUMENT-IDENTIFIER: US 4799016 A

TITLE: Dual frequency NMR surface coil

DATE-ISSUED: January 17, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rezvani; Behrooz	Shorewood	WI		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Draw D
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☐ 17. Document ID: US 20050099179 A1

L38: Entry 17 of 17

File: DWPI

May 12, 2005

DERWENT-ACC-NO: 2005-394254
DERWENT-WEEK: 200540
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TITLE: Head coil for use with magnetic resonance imaging and spectroscopy system, has rods to interconnect large and small diameter rings to form birdcage like structure and partially overlapped primary resonant substructures

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Draw D
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Term	Documents
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COMMONS	1577
"SAME"	7024504
SAMES	1059
PORTION	5905298
PORTIONS	3123412
SHAR\$3	0
SHAR	10776
SHARA	502
SHARABA	2
(L37 AND ((SHAR\$3 OR CONNECT\$4 OR MUTUAL\$2 OR COMMON OR "SAME" OR PARTIAL\$2 OR PORTION) WITH (OVERLAP\$4 OR OVER- LAP\$4))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	17

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Search Results - Record(s) 1 through 15 of 15 returned.

☐ 1. Document ID: US 20050107686 A1

Using default format because multiple data bases are involved.

L39: Entry 1 of 15

File: PGPB

May 19, 2005

PGPUB-DOCUMENT-NUMBER: 20050107686

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050107686 A1

TITLE: RF array coil system and method for magnetic resonance imaging

PUBLICATION-DATE: May 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chan, Pei H.	Aurora	OH	US
Petropoulos, Labros	Burton	OH	US

US-CL-CURRENT: 600/422

Full	Title	Citation	Front	Review	Classification	Data	Reference	Sequences	Attachments	Claims	KMC	Draw D.
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☐ 2. Document ID: US 20050099179 A1

L39: Entry 2 of 15

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw D.
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☐ 3. Document ID: US 20040183534 A1

L39: Entry 3 of 15

File: PGPB

Sep 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040183534

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040183534 A1

TITLE: Diagonal-arranged quadrature MRI radio frequency array coil system for three dimensional parallel imaging

PUBLICATION-DATE: September 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chan, Pei Hsuen	Aurora	OH	US
Zou, Mark Xueming	Mantua	OH	US

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw D.
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☐ 4. Document ID: US 6930480 B1

L39: Entry 4 of 15

File: USPT

Aug 16, 2005

US-PAT-NO: 6930480

DOCUMENT-IDENTIFIER: US 6930480 B1

TITLE: Head coil arrays for parallel imaging in magnetic resonance imaging

DATE-ISSUED: August 16, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fujita; Hiroyuki	Highland Heights	OH		
Petropoulos; Labros S.	Solon	OH		
Zou; Mark Xueming	Aurora	OH		
Chan; Pei H.	Aurora	OH		
Chu; Dashen	Hudson	OH		
Murphy-Boesch; Joseph	Aurora	OH		

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw D.
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☐ 5. Document ID: US 6850064 B1

L39: Entry 5 of 15

File: USPT

Feb 1, 2005

US-PAT-NO: 6850064

DOCUMENT-IDENTIFIER: US 6850064 B1

TITLE: Radio-frequency coil array for resonance imaging analysis

DATE-ISSUED: February 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Cleveland Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. D.
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☐ 6. Document ID: US 6714013 B2

L39: Entry 6 of 15

File: USPT

Mar 30, 2004

US-PAT-NO: 6714013

DOCUMENT-IDENTIFIER: US 6714013 B2

** See image for Certificate of Correction **TITLE: Magnetic resonance imaging receiver/transmitter coils

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misic; George J.	Allison Park	PA		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. D.
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☐ 7. Document ID: US 6608480 B1

L39: Entry 7 of 15

File: USPT

Aug 19, 2003

US-PAT-NO: 6608480

DOCUMENT-IDENTIFIER: US 6608480 B1

TITLE: RF coil for homogeneous quadrature transmit and multiple channel receive

DATE-ISSUED: August 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Weyers; Daniel J.	Wauwatosa	WI		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PMC	Drawings
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☐ 8. Document ID: US 6177797 B1

L39: Entry 8 of 15

File: USPT

Jan 23, 2001

US-PAT-NO: 6177797

DOCUMENT-IDENTIFIER: US 6177797 B1

TITLE: Radio-frequency coil and method for resonance/imaging analysis

DATE-ISSUED: January 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PMC	Drawings
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☐ 9. Document ID: US 6150816 A

L39: Entry 9 of 15

File: USPT

Nov 21, 2000

US-PAT-NO: 6150816

DOCUMENT-IDENTIFIER: US 6150816 A

TITLE: Radio-frequency coil array for resonance analysis

DATE-ISSUED: November 21, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PMC	Drawings
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☐ 10. Document ID: US 5999000 A

L39: Entry 10 of 15

File: USPT

Dec 7, 1999

US-PAT-NO: 5999000
DOCUMENT-IDENTIFIER: US 5999000 A

TITLE: Radio-frequency coil and method for resonance imaging/analysis

DATE-ISSUED: December 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WIC	Draw D.
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☐ 11. Document ID: US 5777474 A

L39: Entry 11 of 15

File: USPT

Jul 7, 1998

US-PAT-NO: 5777474
DOCUMENT-IDENTIFIER: US 5777474 A

TITLE: Radio-frequency coil and method for resonance imaging/analysis

DATE-ISSUED: July 7, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WIC	Draw D.
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☐ 12. Document ID: US 5682098 A

L39: Entry 12 of 15

File: USPT

Oct 28, 1997

US-PAT-NO: 5682098
DOCUMENT-IDENTIFIER: US 5682098 A

TITLE: Open quadrature whole volume imaging NMR surface coil array including three figure-8 shaped surface coils

DATE-ISSUED: October 28, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vij; Kamal	Phoenix	AZ		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw. D.
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☐ 13. Document ID: US 5664568 A

L39: Entry 13 of 15

File: USPT

Sep 9, 1997

US-PAT-NO: 5664568

DOCUMENT-IDENTIFIER: US 5664568 A

TITLE: Split-top, neck and head vascular array for magnetic resonance imaging

DATE-ISSUED: September 9, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts.	OH		
Henderson; Robert G.	Wickliffe	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 600/422; 324/318, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw. D.
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☐ 14. Document ID: US 5602479 A

L39: Entry 14 of 15

File: USPT

Feb 11, 1997

US-PAT-NO: 5602479

DOCUMENT-IDENTIFIER: US 5602479 A

TITLE: Quadrature radio frequency coil for magnetic resonance imaging

DATE-ISSUED: February 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Hts.	OH		
Liu; Haiying	Euclid	OH		
Elek; Robert A.	Chardon	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw. D.
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☐ 15. Document ID: US 4799016 A

L39: Entry 15 of 15

File: USPT

Jan 17, 1989

US-PAT-NO: 4799016

DOCUMENT-IDENTIFIER: US 4799016 A

TITLE: Dual frequency NMR surface coil

DATE-ISSUED: January 17, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rezvani; Behrooz	Shorewood	WI		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	INIC	Draw D
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ELECTRICAAALY	14
ELECTRICAAANL	1
ELECTRICAAV	1
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☐ 1. Document ID: US 20050099179 A1

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L40: Entry 1 of 11

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	DOC	Draw G.
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☐ 2. Document ID: US 20040183534 A1

L40: Entry 2 of 11

File: PGPB

Sep 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040183534

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040183534 A1

TITLE: Diagonal-arranged quadrature MRI radio frequency array coil system for three dimensional parallel imaging

PUBLICATION-DATE: September 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chan, Pei Hsuon	Aurora	OH	US
Zou, Mark Xueming	Mantua	OH	US

US-CL-CURRENT: 324/318; 324/309